



Local Situation Report

Prepared: 07/13/2014@10:22

Local	GACC	Nat'l
1	1	2

Today's Fire Danger
MODERATE/HIGH

INCIDENT SUMMARY for Yesterday

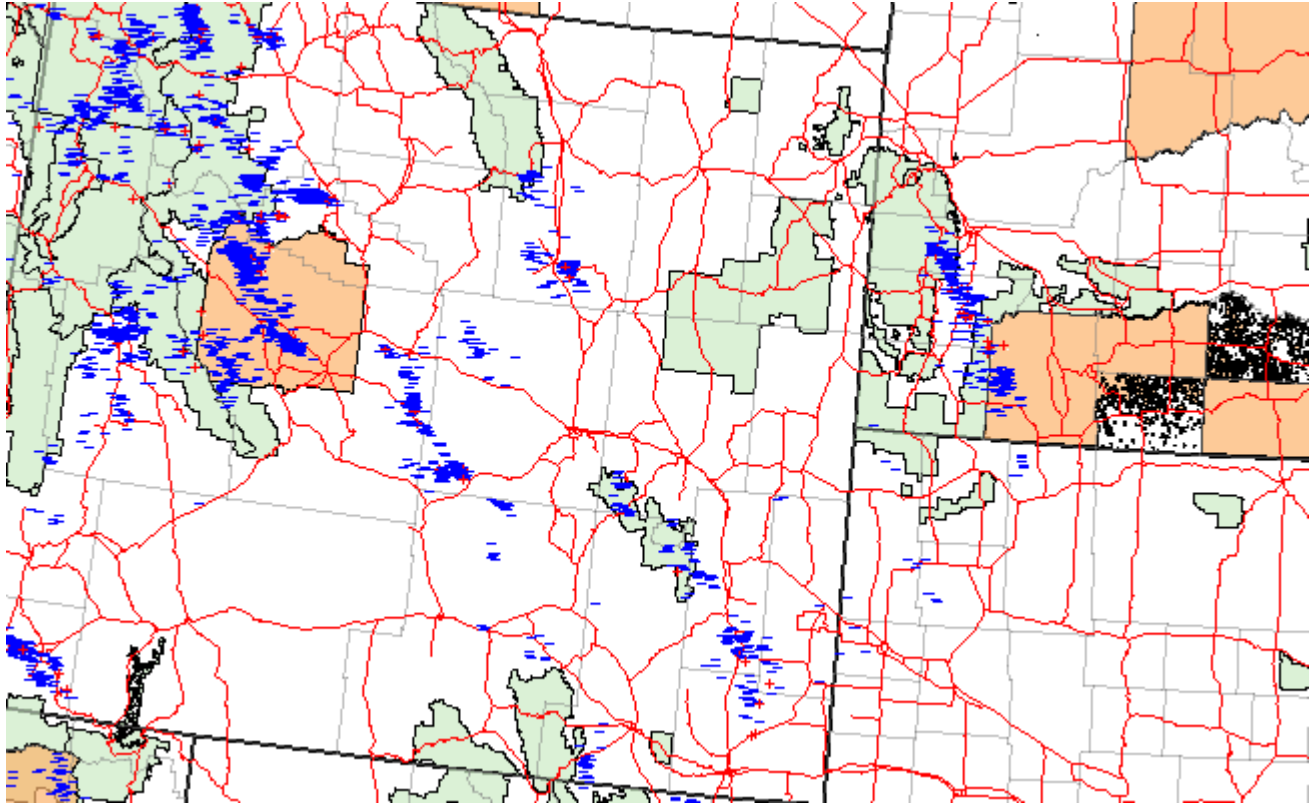
COUNTY AND STATE FIRES						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>
WY-LRD	Hanson Creek	0.1	L	Controlled	T15N R77W Sec35	Single tree lightning fire. Albany cty, 651, 652 responded

WHPD BLM						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

Area Discussion: Single tree fire on Laramie district yesterday. Supporting the Pedro fire.
Opened Casper SEAT base

Lightning Map



INDICES (forecasted/actual)

<u>FDRA</u>	Predicted Today		
	Indices	Forecasted for 7/13/14	Actual for 7/12/14
Echeta	BI	60	73
Rochelle Hills	BI	62	57
Rochelle Hills	ERC	14	11
Poker Creek	ERC	45	40
Casper Mtn	ERC	46	51
Fales Rock	BI	55	53
Sandstone	ERC	N/A	53
Esterbrook	ERC	37	37
Sawmill Park	ERC	36	37

Duty Officers for Today:

<u>Duty Officers</u>	FS - Laramie	Gonnoud
	FS - Saratoga	Gonnoud
	FS - Douglas	Bonenberger
	BLM	Ellis
	State	Fallbeck
	FS – MBF NF	Bentley
	Dispatch	Adams

Local Aviation Resources		Location	Status
	2TJ (Duncan) State	Pedro	Cmt
	2HX (Rawlins) BLM	On Assmt	Cmt

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0531	2045	2115
Casper	0539	2043	2113
Glenrock	0537	2041	2111
Laramie	0541	2035	2105

Fire Restriction for the zone:

[illegible]

Weather Discussion

WYZ280 -
NATRONA COUNTY/CASPER BLM

THERE WILL BE SLIGHTLY LESS LIGHTNING ACTIVITY TODAY AS HIGH PRESSURE TRIES TO BUILD IN FROM THE WEST BUT IT WILL NOT BE ENOUGH TO COMPLETELY ELIMINATE ANY MENTION OF THUNDER AS AFTERNOON HEATING COULD KICK OF A FEW SHOWERS AND THUNDERSTORMS. ON MONDAY...A DISTURBANCE WILL ROUND THE TOP OF THE RIDGE AND CRASH INTO THE WESTERN ZONES IN THE AFTERNOON...THIS WILL BRING A BETTER CHANCE FOR MORE LIGHTNING AND WETTING RAINS. ANOTHER DISTURBANCE WILL APPROACH ON TUESDAY WITH ANOTHER CHANCE FOR SHOWERS AND THUNDERSTORMS.

...THUNDERSTORMS IMPLY STRONG GUSTY AND ERRATIC WINDS...
...HAINES INDEX IS HIGH LEVEL HAINES BOTH DAY AND NIGHT...

.TODAY...

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS AND
THUNDERSTORMS AFTER 1200. CHANCE OF
PRECIPITATION 20 PERCENT.
MAX TEMPERATURE.....80-85.
24 HR TREND.....1 DEGREE WARMER.
MIN HUMIDITY.....23-29 PERCENT.
24 HR TREND.....3 PERCENT DRIER.
20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH UNTIL 1500...THEN
NORTH AROUND 10 MPH AND GUSTY.
RIDGE TOP WINDS.....NORTHEAST AROUND 10 MPH UNTIL 1200...THEN
NORTH.
LAL.....1 UNTIL 1200...THEN 3.
CHC OF WETTING RAIN.5 PERCENT.
TRANSPORT WINDS.....NORTH AROUND 10 MPH UNTIL 1200...THEN
NORTHWEST.
MIXING HEIGHT.....2000-4500 FT AGL UNTIL 1200...THEN 6000-8500 FT
AGL.
SMOKE DISPERSAL.....POOR (10000-30000 KNOT-FT) UNTIL 1200...THEN
GOOD (60000-80000 KNOT-FT).
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS AND
THUNDERSTORMS UNTIL 2400. CHANCE OF
PRECIPITATION 20 PERCENT.
MIN TEMPERATURE.....51-56.
24 HR TREND.....3 DEGREES COOLER.
MAX HUMIDITY.....71-77 PERCENT.
24 HR TREND.....9 PERCENT DRIER.
HUMIDITY RECOVERY...EXCELLENT.
20-FOOT WINDS.....NORTHEAST WINDS AROUND 10 MPH WITH GUSTS TO
AROUND 15 MPH.
RIDGE TOP WINDS.....NORTHEAST AROUND 15 MPH.
LAL.....2 UNTIL 2400...THEN 1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....NORTHEAST 15 TO 20 MPH.
MIXING HEIGHT.....5500-8000 FT AGL UNTIL 2400...THEN 2000-4500 FT
AGL.
SMOKE DISPERSAL.....FAIR TO GOOD (54000-74000 KNOT-FT).
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL
GRASSLAND

.DISCUSSION...NON-CRITICAL FIRE WEATHER CONDITIONS WILL PREVAIL THROUGH THE MIDDLE OF NEXT WEEK AS SUBTROPICAL MOISTURE AND COLD FRONT IMPACT THE DISTRICTS. ISOLATED TO SCATTERED SHOWERS AND THUNDERSTORMS WILL DEVELOP THIS AFTERNOON AND DIMINISH BY LATE EVENING. A RATHER STRONG COLD FRONT FOR THIS TIME OF YEAR WILL PASS THROUGH THE REGION MONDAY BRINGING SLIGHTLY DRIER AIR TO THE PLAINS. ISOLATED AFTERNOON AND EARLY EVENING SHOWERS AND THUNDERSTORMS ARE FORECAST FOR THE MOUNTAINS MONDAY. A UPPER LEVEL TROUGH WILL MOVE SOUTHEAST ACROSS EASTERN WYOMING AND WESTERN NEBRASKA TUESDAY NIGHT AND WEDNESDAY WITH INCREASING CHANCES FOR SHOWERS AND THUNDERSTORMS. SHOWER CHANCES WILL DECREASE LATE IN THE WEEK AS DRIER AIR ALOFT AND WARMER TEMPERATURES RETURN WITH A RIDGE OF HIGH PRESSURE. WINDS WILL BE LIGHT EXCEPT VARIABLE AND GUSTY IN THE VICINITY OF SHOWERS AND THUNDERSTORMS.

.TODAY...

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS AND
THUNDERSTORMS AFTER 1200.

MAX TEMPERATURE.....82-87.

24 HR TREND.....1 DEGREE COOLER.

MIN HUMIDITY.....24-30 PERCENT.

24 HR TREND.....2 PERCENT DRIER.

20-FOOT WINDS.....NORTHWEST UP TO 10 MPH AND GUSTY.

LAL.....1 UNTIL 1200...THEN 2.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....NORTHWEST 5 TO 10 MPH.

MIXING HEIGHT.....6600-7500 FT AGL INCREASING TO 9300-10400 FT
AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....FAIR TO GOOD (41700-80200 KNOT-FT).

HAINES INDEX.....2 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLEAR. ISOLATED SHOWERS AND
THUNDERSTORMS UNTIL 2100.

MIN TEMPERATURE.....53-58.

24 HR TREND.....4 DEGREES COOLER.

MAX HUMIDITY.....77-83 PERCENT.

24 HR TREND.....4 PERCENT DRIER.

HUMIDITY RECOVERY...GOOD.

20-FOOT WINDS.....NORTH AROUND 10 MPH SHIFTING TO THE SOUTHWEST
UP TO 10 MPH AFTER MIDNIGHT. GUSTS UP TO 20
MPH.

LAL.....2 UNTIL 2100...THEN 1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....NORTH AROUND 10 MPH SHIFTING TO THE SOUTHWEST
AFTER MIDNIGHT.

MIXING HEIGHT.....4900-5600 FT AGL DECREASING TO 400 FT AGL AFTER
MIDNIGHT.

SMOKE DISPERSAL.....POOR TO FAIR (1700-45900 KNOT-FT).

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

Weather Discussion

WYZ307 -
SNOWY RANGE/MEDICINE BOW NF

.DISCUSSION...NON-CRITICAL FIRE WEATHER CONDITIONS WILL PREVAIL THROUGH THE MIDDLE OF NEXT WEEK AS SUBTROPICAL MOISTURE AND COLD FRONT IMPACT THE DISTRICTS. ISOLATED TO SCATTERED SHOWERS AND THUNDERSTORMS WILL DEVELOP THIS AFTERNOON AND DIMINISH BY LATE EVENING. A RATHER STRONG COLD FRONT FOR THIS TIME OF YEAR WILL PASS THROUGH THE REGION MONDAY BRINGING SLIGHTLY DRIER AIR TO THE PLAINS. ISOLATED AFTERNOON AND EARLY EVENING SHOWERS AND THUNDERSTORMS ARE FORECAST FOR THE MOUNTAINS MONDAY. A UPPER LEVEL TROUGH WILL MOVE SOUTHEAST ACROSS EASTERN WYOMING AND WESTERN NEBRASKA TUESDAY NIGHT AND WEDNESDAY WITH INCREASING CHANCES FOR SHOWERS AND THUNDERSTORMS. SHOWER CHANCES WILL DECREASE LATE IN THE WEEK AS DRIER AIR ALOFT AND WARMER TEMPERATURES RETURN WITH A RIDGE OF HIGH PRESSURE. WINDS WILL BE LIGHT EXCEPT VARIABLE AND GUSTY IN THE VICINITY OF SHOWERS AND THUNDERSTORMS.

.TODAY...

SKY/WEATHER.....MOSTLY SUNNY UNTIL 0900...THEN PARTLY CLOUDY.
SCATTERED SHOWERS AND THUNDERSTORMS AFTER 1200.
MAX TEMPERATURE.....65-73.
24 HR TREND.....2 DEGREES WARMER.
MIN HUMIDITY.....42-48 PERCENT.
24 HR TREND.....5 PERCENT DRIER.
20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH.
LAL.....2 UNTIL 0900...THEN 1 UNTIL 1200...THEN 3.
CHC OF WETTING RAIN.5 PERCENT.
TRANSPORT WINDS.....EAST AROUND 10 MPH.
MIXING HEIGHT.....4900-6400 FT AGL INCREASING TO 6800-8800 FT AGL
IN THE AFTERNOON.
SMOKE DISPERSAL.....FAIR TO GOOD (48400-75900 KNOT-FT).
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....PARTLY CLOUDY. SCATTERED SHOWERS AND
THUNDERSTORMS UNTIL 2100...THEN ISOLATED
SHOWERS AND THUNDERSTORMS UNTIL 2400.
MIN TEMPERATURE.....43-49.
24 HR TREND.....3 DEGREES COOLER.
MAX HUMIDITY.....91-97 PERCENT.
24 HR TREND.....7 PERCENT WETTER.
HUMIDITY RECOVERY...EXCELLENT.
20-FOOT WINDS.....DOWNSLOPE/DOWNVALLEY 4-7 MPH.
LAL.....3 UNTIL 2400...THEN 1.
CHC OF WETTING RAIN.5 PERCENT.
TRANSPORT WINDS.....SOUTHEAST AROUND 10 MPH.
MIXING HEIGHT.....3700-4800 FT AGL DECREASING TO 400-1000 FT AGL
AFTER MIDNIGHT.
SMOKE DISPERSAL.....POOR TO FAIR (5500-40900 KNOT-FT).
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.